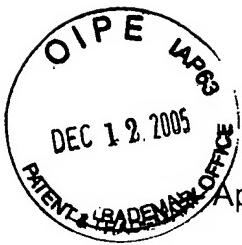


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicants: Otis G. Peterson Docket No.: S-100,643
 Serial No.: 10/630,111 Examiner: Behrend, Harvey E.
 Filed : 07/30/2003 Art Unit: 3641
 For : Self-Regulating Nuclear Power Module
 Customer No. 35068

Mail Stop Petition
 Commissioner for Patents
 P. O. Box 1450
 Alexandria, VA 22313-1450

AMENDMENT/RESPONSE

Sir:

In response to the Final Office Action dated July 27, 2004, please enter the following amendments to the Specification and the Claims, and consider the accompanying remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims that begins on page 3 of this paper.

Remarks begin on page 5 of this paper.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

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Mark N. Fitzgerald
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Date December 7, 2005